

Electric Distribution Program Multi-Year Research, Development, Demonstration, and Deployment (RD³) Plan Workshop

8:00 AM, Tuesday, August 17 – 4:00 PM, Wednesday, August 18

	Tuesday, August 17	Wednesday, August 18
7:00		
8:00		
9:00	Registration & Breakfast	Breakfast
10:00	Plenary Session at ComEd Commercial Center Auditorium	Concurrent Breakout Sessions (Continued)
11:00		
12:00	Lunch	Lunch
1:00	Concurrent Breakout Sessions	Wrap-Up Session
2:00	<ul style="list-style-type: none"> Architecture & Communication Standards Monitoring & Load Management Technologies Advanced Distribution Technologies & Operating Concepts Modeling & Simulation 	
3:00		
4:00		
5:00		
6:00		
7:00	Reception at The Wyndham Drake Hotel	
8:00		
9:00		

Notes:

- The **plenary session** will be held at **ComEd Commercial Center Auditorium**, which is adjacent to the Exelon Business Resource Center where the breakout/wrap-up sessions will be held.
- Hotel shuttle services are available to depart at 8:15 & 8:30 AM from The Wyndham Drake Hotel to our meeting place on Tuesday and Wednesday. Return shuttles to the Wyndham Drake Hotel are also available, and their schedule will be announced during the meeting.
- Driving directions from the two airports are provided at the end of this agenda.

Electric Distribution Program Multi-Year Research, Development, Demonstration, and Deployment (RD³) Plan Workshop

8:00 AM, Tuesday, August 17 – 4:00 PM, Wednesday, August 18

Exelon Business Resource Center
2011 Swift Drive, Oak Brook, IL 60523 (630-684-3500)

Tuesday, August 17, 2004

8:30 – 9:00 Registration and Continental Breakfast

9:00 – 11:30 **Plenary Session** (ComEd Commercial Center Auditorium, adjacent to Exelon Center)

- ***Welcome and Utility Perspectives of Electric Distribution RD³ Needs***
Dave DeCampli, Vice President, Asset Management, Exelon
- ***Overview of the U.S. Department of Energy (DOE) Office of Electric Transmission and Distribution (OETD) R&D Programs***
Gilbert Bindewald, Manager, Transmission & Distribution Integration, DOE
- ***Electric Distribution RD³ Needs***
Dave Nichols, Manager, Corporate Technology Development, American Electric Power
- ***Overview of the US DOE Electric Distribution and GridWise Programs***
Eric Lightner, Program Manager, DOE

11:30 – 12:30 LUNCH (Provided at Exelon Center)

12:30 – 5:00 **Concurrent Breakout Sessions**

Session 1	Session 2	Session 3	Session 4
Architecture & Communication Standards	Monitoring & Load Management Technologies	Advanced Distribution Technologies & Operating Concepts	Modeling & Simulation
<i>Co-chairs:</i> Ron Ambrosio, IBM Homer Cotton, Southern Company	<i>Co-chairs:</i> Matt Donnelly, PNNL Doug Fitchett, American Electric Power	<i>Co-chairs:</i> Jim Crane, Exelon Jonathan Lynch, Northern Power	<i>Co-chairs:</i> Richard Seguin, DTE Energy Devin Van Zandt, GE

SESSION BREAK: 2:30 – 3:00

Each session will be facilitated by two co-chairs to identify and define the top-five-priority RD³ activities. Discussions will encompass the following key topic areas:

- The problems to be addressed, and the end state of each problem once addressed
- Specific technology needs and their performance requirements
- Current science and technology capabilities
- Existing capability gaps (between current and needed states) and barriers
- Prioritization of capability gaps in need of an RD³ activity
- Consensus of the top-five RD³ activities in each session
- Investment horizon, i.e., near- (1-2 years), mid- (3-5 years), or long- (beyond 5 years) term, recommended for each top-five RD³ activity
- Development strategy and performance targets with associated schedules

6:30 – 8:00

Reception (The Wyndham Drake Hotel, 2301 York Road, Oak Brook, IL 60523, 630-574-5700)

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8:30 – 9:00 **Continental Breakfast**

9:00-11:30 **Concurrent Breakout Sessions** (Continued)

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Architecture & Communication Standards	Monitoring & Load Management Technologies	Advanced Distribution Technologies & Operating Concepts	Modeling & Simulation
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Discussions continue to reach the top-five-priority RD³ activities in each session. For each top-five R&D activity, a summary presentation will be prepared and presented by a designated champion during the ensuing wrap-up session.

11:30 – 12:30 **LUNCH** (Provided at Exelon Center)

12:30 – 4:00 **Wrap-Up Session**

Individual breakout session presentations (one session after the other), including:

- Presentation by the co-chairs on the overall problems/needs/technologies landscape covered and the discussion process leading to the consensus top-five RD³ activities
- Presentations by each of the five champions on the session's consensus top-five RD³ activities, summarizing the key aspects of discussion defined under the Breakout Session Agenda

SESSION BREAK: 2:30 – 2:45

Closing Remarks and Next Steps

Eric Lightner, Program Manager, DOE

Driving Directions from Chicago Airports to Meeting Place and Hotel

Exelon Business Resource Center	Wyndham Drake Hotel
2011 Swift Drive Oak Brook, IL 60523 Phone: 630-684-3500	2301 York Road Oak Brook, Illinois 60523 Phone: 630-574-5700

Directions to Exelon Business Resource Center from O'Hare International Airport

Approximate travel time: 27 minutes

1. Take I-190 EAST towards CHICAGO LOOP - go 1.6 mi
2. Take the I-294 SOUTH exit towards INDIANA, exit #1D – go 10.6 mi
3. Take the 22ND STREET/CERMAK RD exit
4. Turn LEFT on CERMAK RD/W 22ND ST – go 0.2 mi
5. Turn RIGHT on Windsor Drive – go 0.2 mi
6. Turn RIGHT on Swift Drive – go 0.1 mi
7. Exelon Business Resource Center is on the LEFT
8. Use East Building Entrance (Faces Toll-way)

Directions to Exelon Business Resource Center from Midway International Airport

Approximate travel time: 33 minutes

1. Take Cicero Ave NORTH to 55th Street
2. Turn LEFT on Cicero Ave. – go 1.9 mi
3. Continue WEST on Cicero Ave.; It will merge with Archer Ave.
4. Continue WEST on Archer Ave. to Harlem Ave.
5. Turn RIGHT on Harlem Ave. – go 4.0 mi
6. Turn LEFT on CERMAK RD/W 22ND ST – go 5.0 mi
7. Turn RIGHT on Windsor Drive – go 0.2 mi
8. Turn RIGHT on Swift Drive – go 0.1 mi
9. Exelon Business Resource Center is on the LEFT
10. Use East Building Entrance (Faces Toll-way)

Directions to Wyndham Drake Hotel from Airports

Follow Directions to Exelon Business Resource Center, **except turn LEFT on Windsor Drive** (street dead ends at hotel)